

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Horse SPX(Spexin) ELISA Kit EBT-ELK9687

Article Name	Horse SPX(Spexin) ELISA Kit
Biozol Catalog Number	EBT-ELK9687
Supplier Catalog Number	ELK9687
Alternative Catalog Number	EBT-ELK9687-96, EBT-ELK9687-48, EBT-ELK9687-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Equine
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	12.3 pg/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes	<p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Diabetes.</p> <p>Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Horse SPX. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse SPX. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Horse SPX, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Horse SPX in the samples is then determined by comparing the OD of the samples to the standard curve</p>
-------------------	--